



**PNEUMATIC DIFFERENTIAL PRESSURE ( P / P ) TRANSMITTER  
STANDARD TYPE, HIGH STATIC PRESS TYPE (KDP)**

Model No. : KDP- 

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I	II	III	IV	V	VI
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VII
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Model No. Ex.	VII Option						Y -SPEC												
	No option	Elevation	Suppression	Pressure regulator with filter	High accuracy type	(Refer to optional specifications)	Vacuum Use	With Steam Block	Stainless steel Bolt	Corrosion -resistant coating	With Adjustable Damper	Process connection at instrument rear	For oxygen measurement	For chlorine gas measurement	With 100mm Output indicator	For transmitter KDP22,33,82 Small flow measurement	High earthquake-proof		
KDP22 -3333A1 -67	X	5	6	7	H	23	29	66	138[ ]	169	171	182	183	185	186	188			
Diff. Press (mm H <sub>2</sub> O)	0	22	22	38	5	32	41	20	32	* 4	9	16	58	72	58	72	*10	58	32
High Diff. Press. Type (2,500 to 50,000) KDP11			✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Middle Diff. Press. Type (250 to 5,500) KDP22			✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Low diff. Press. Type (50 to 600)			✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Lowest Diff. Press Type (10 to 120)			✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
High Static Press. Type			✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
High Diff. Press. Type (2,500 to 50,000) KDP81			✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Middle Diff. Press. Type (250 to 5,500) KDP82			✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Note \* 11. Contact YAMATAKE when engineering units are different between input range pressure and output signal pressure.  
 \* 12 Time Constant (continuously adjustment)  
 KDP11,22,81,82 0.5 sec. or less min., 30 sec. or more max.  
 KDP33 1.5 sec. or less min., 30 sec. or more max.  
 KDP44 (featured with damper as std.) 2 sec. or less min., 25 sec. more max.  
 \* 5. Pressure on rear connection - 1 to 100kgf / cm<sup>2</sup> G, only available with horizontal mounting on 2" pipe.  
 \* 6. Sealing liquid : Fluoric oil, wet part : degreased, working temp. limit (fluid, ambient): -10 to +60 deg.C  
 \* 7 As above, except working temp. limit (fluid, ambient): -10 to +60 deg.C  
 \*10.Additional price : 73k yen for without Y138[ ] specification, 105k yen for with Y138[ ] specification.

**FLANGE TYPE, REMOTE SEAL DIAPHRAGM TYPE (KDP)**

Model No. (1) Flange Type	Basic No. KDP6	-	I	II	III	IV	V	VI	VII	VIII	IX	-	X
(2) Remote Seal Diaphragm Type	KDP7	-	I	II	III	IV	V	VI	VII	VIII	IX	-	X

Model No. Ex.	Selection	Selection																														
		I				V								VI			VII															
		80mm JIS 10K (RF)	80mm JIS 30K (RF)	3in. ANSI 150 (RF)	3in. ANSI 300 (RF)	100mm JIS 10K (RF)	100mm JIS 30K (RF)	4in. ANSI 150 (RF)	4in. ANSI 300 (RF)	2m	3m	5m	None	100mm	150mm																	
KDP61 -7222601B1 -7		1	2	3	4	5	6	7	8	02	03	05	00	10	15																	
KDP72 -112305A1 -X		1	2	3	4	5	6	7	8	02	03	05	00	10	15																	
Diff. Press (mm H <sub>2</sub> O)	Basic No.	I	II	III	IV	Price	0	24	56	59	0	24	41	58	0	24	56	71	0	24	48	64	0	0	32	0	0	16				
Flange Type	High Diff. Press. Type (2,500 to 50,000) KDP61	KDP61	1	1	2	2	752	✓		✓		✓		✓												✓						
			1	1	8	8	752	✓		✓		✓		✓													✓					
			1	2	2	2	752	✓		✓		✓		✓													✓					
			7	2	2	2	892	✓					✓														✓					
			7	2	3	3	1,174	✓			✓		✓														✓					
			7	2	4	4	1,385	✓			✓		✓														✓					
			7	2	8	8	886	✓			✓		✓														✓					
			7	3	3	3	1,359	✓			✓		✓														✓					
			7	5	3	3	1,115	✓			✓		✓														✓					
			7	5	4	4	1,274	✓			✓		✓														✓					
Extended Diaphragm Flange Type	As above	KDP61	1	1	2	2	917					✓		✓		✓		✓								✓		✓				
			1	1	8	8	917					✓		✓		✓		✓									✓		✓			
			1	2	2	2	966					✓		✓		✓		✓										✓		✓		
			7	2	2	2	1,098					✓		✓		✓		✓										✓		✓		
			7	2	8	8	1,098					✓		✓		✓		✓										✓		✓		
			Remote Seal Diaphragm Type	High Diff. Press. Type (2,500 to 50,000) KDP71	KDP71	1	1	2	2	1,373	✓	✓			✓	✓												✓	✓			
1	1	3				3	1,542	✓	✓			✓	✓													✓	✓					
1	1	4				4	1,872	✓	✓			✓	✓													✓	✓					
1	1	8				8	1,373	✓	✓			✓	✓													✓	✓					
7	7	2				2	1,472	✓		✓		✓															✓	✓				
7	7	3				3	1,798	✓		✓		✓															✓	✓				
7	7	4				4	2,186	✓		✓		✓															✓	✓				
7	7	8				8	1,472	✓		✓		✓															✓	✓				
Remote Seal Diaphragm Type	As above	KDP71				1	1	2	2	1,731					✓	✓			✓	✓								✓	✓			
						1	1	8	8	1,731					✓	✓			✓	✓									✓	✓		
			7	7	2	2	1,798					✓	✓			✓	✓									✓	✓					
			7	7	8	8	1,798					✓	✓			✓	✓										✓	✓				

Note \* 1. Flange Cover and Diaphragm Material 1 : SF45, 2 : SUS316 (Diaphragm SUS316L), 3 : Monel  
4 : Tantalum, 5 : PVC, 7 : SUS304 8 : SUS316L

